

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

Amendments to the Claims: This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1. (Currently Amended) A method for manufacturing a ceramic substrate, comprising the steps of:

forming a conductive pattern through filling an intaglio with a conductive paste;

forming an adhesive layer on a heat-resistant substrate;

heat-pressing the intaglio onto the adhesive layer;

removing the intaglio; and

forming a first assembly through ~~stack~~stacking an un-sintered green sheet to cover the conductive pattern and through heat-pressing the un-sintered green sheet.

2. (Original) The method of claim 1, further comprising the step of performing a binder-removing process and a sintering process to the first assembly.

3. (Previously Presented) The method of claim 1, further comprising the steps of:

forming a via-conductor through forming a through-hole in the un-sintered green sheet; and

connecting the conductive pattern to the via conductor.

4. (Original) The method of claim 1, further comprising the steps of:

forming a plurality of the first assemblies through repeating said steps of forming the conductive pattern, forming the adhesive layer; heat-pressing the intaglio, removing the intaglio, and forming the first assembly; and

forming a second assembly through stacking the first assemblies.

5. (Original) The method of claim 4, further comprising the step of performing a binder-removing process and a sintering process to the second assembly.

6. (Previously Presented) The method of claim 4, further comprising the steps of:

forming a via-conductor through forming a through-hole in the un-sintered green sheet; and

connecting the conductive pattern to the via-conductor.
7. (Original) A method for manufacturing a ceramic substrate, comprising the steps of:

forming a conductive pattern through filling an intaglio with a conductive paste;

forming an adhesive layer on a sintered ceramic substrate;

heat-pressing the intaglio onto the adhesive layer;

removing the intaglio; and

forming a first assembly through stacking an un-sintered green sheet to cover the conductive pattern and through heat-pressing the un-sintered green sheet.
8. (Original) The method of claim 7, further comprising the step of performing a binder-removing process and a burning process to the first assembly.
9. (Previously Presented) The method of claim 7, further comprising the steps of:

forming a via-conductor through forming a through-hole in the un-sintered green sheet; and

connecting the conductive patterns to the via-conductor.
10. (Previously Presented) The method of claim 7, further comprising the steps of:

forming a via-conductor through forming a through-hole in the sintered substrate;
and

connecting the conductive pattern to the via-conductor.
11. (Original) The method of claim 7, further comprising the steps of:

forming a plurality of the first assemblies through repeating the steps of forming the conductive pattern, forming the adhesive layer, heat-pressing the intaglio, removing the intaglio, and forming the first assembly; and

forming a second assembly through stacking the first assemblies and an un-sintered ceramic green sheet alternatively.

12. (Original) The method of claim 11, further comprising the step of performing a binder-removing process and a sintering process to the second assembly.

13. (Previously Presented) The method of claim 11, further comprising the step of:

forming a via-conductor through forming a through-hole in the un-sintered green sheet; and

connecting the conductive patterns to the via-hole conductor.

14. (Previously Presented) The method of claim 11, further comprising the steps of:

forming a via-conductor through forming a through-hole in the sintered ceramic substrate; and

connecting the conductive pattern to the via-conductor.

15. (Original) A method for manufacturing a ceramic substrate, comprising the steps of:

forming a first conductive pattern through filling a first intaglio with a conductive paste;

forming a first adhesive layer on a first heat-resistant substrate;

heat-pressing the first intaglio onto the first adhesive layer;

removing the first intaglio;

forming a first assembly through stacking an un-sintered green sheet to cover the first conductive pattern and heat-pressing the un-sintered green sheet;

forming a second conductive pattern through filling a second intaglio with a conductive paste;

forming a second adhesive layer on a sintered ceramic substrate;

heat-pressing the second intaglio to the second adhesive layer;

removing the second intaglio; and

forming a second assembly through stacking the first assembly to cover the second conductive pattern and heat-pressing the first assembly.

16. (Original) The method of claim 15, further comprising the step of performing a binder-removing process and a sintering process to the second assembly.

17. (Previously Presented) The method of claim 15, wherein the first intaglio and the second intaglio are identical to each other.

18. (Previously Presented) The method of claim 15, further comprising the steps of:

forming a first via-conductor through forming a through-hole in the un-sintered green sheet; and

connecting at least one of the first and second conductive patterns to the first via-conductor.

19. (Previously Presented) The method of claim 15, further comprising the steps of:

forming a second via-conductor through forming a through-hole in the sintered ceramic substrate; and

connecting at least one of said first and second conductive patterns to the second via-conductor.

20. (New) The method of claim 1, further comprising the step of removing the first heat-resistant substrate from the conductor pattern.

21. (New) The method of claim 20, wherein said removing the first heat-resistant substrate comprises removing the first heat resistant substrate from the conductor pattern and the un-sintered green sheet.